Part 15 EPA-R6-2014-004884



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 49) Federal Operating Permit Program

Date: 5/7/2012 RN No.: 100218841 Permit No.: O3528					nit No.: O3528		
		a Nutrients Division					
lack For GO	P appl	ications, answer <u> O</u> N	L questions unless otherwi ILY these questions unless	otnerwise airectea.			
EMIS	E 40 (SSION inued)	I STANDARDS FO	AL REGULATIONS PA OR HAZARDOUS AIR I	ART 63 (40 CFR PA POLLUTANTS FOI	RT 63) - NATIONAL R SOURCE CATEGORIES		
U.	Subp	art PP - National E	Emission Standards for C	Containers			
·	1.	Part 60, 61, or 63 s	a includes containers for a subpart references the use control of air emissions. <i>Question VIII.U.1 is "NO"</i>	of 40 CFR Part 63,	<i>у</i> .		
	2.	The application are controls.	ea includes containers usin	ng Container Level 1	☐ YES ☐ NO		
	3.	The application are controls.	ea includes containers usir	includes containers using Container Level 2			
	4.	The application are controls.	ea includes containers using Container Level 3		☐ YES ☐ NO		
v.	Subp	bpart RR - National Emission Standards for Individual Drain Systems					
	1.	another 40 CFR Pa	ea includes individual drain art 60, 61, or 63 subpart re art RR for the control of a	terences the use of 40	0 ☐ YES ☒ NO		
W.	Subp	oart YY - National eric Maximum Ach	Emission Standards for nievable Control Techno	Hazardous Air Poll logy Standards	lutants for Source Categories -		
	1.	The application are	ea includes an acetal resin dacrylic fiber production p 1103(b)(3)(i); or an existi	s production process process unit complyin	ıg		
	2.	from an acetal resimodacrylic fiber p	ea includes process waste ins production process unit corroduction process unit corroduction existing polycarbo Questions VIII.W.1. and VII.W.20	it; an acrylic and mplying with 40 CFR nate production proce	R ess.		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 50) Federal Operating Permit Program

)ate: 5	5/7/2012		RN No.: 100218841	Permit No.	: O3528
rea N	ame: Kanek	a Nutrients Division			
	or SOP appl	cations, answer ALL	questions unless otherwise LY these questions unless ot	101 17100	2) NATIONAL
7111.	EMISSIO	N STANDARDS FO	AL REGULATIONS PAR R HAZARDOUS AIR PO		
	6.1	ANN Notional E	mission Standards for Ha evable Control Technolog	zardous Air Pollutants y Standards	
	3.	TI II-tion oros	a includes process wastewate of 1 or are determined to be	er streams that are	☐ YES ☐ NO
	4.	TIlication are	a includes process wastewaroup 2 under the requirement	er streams that are ats of 40 CFR	YES NO
	5.	All Group 1 wastey	vater streams at the site are ow rate of less than 1 MG/	determined to have a	☐ YES ☐ NO
	6.	The site has untrear streams demonstrar	ted and/or partially treated of ted to have a total source management of the control of the cont	Group 1 wastewater ass flowrate of less than	☐ YES ☐ NO
	7.	TOlication or	ea includes waste managem treated Group 1 wastewate	ent units that receive or stream prior to or	☐ YES ☐ NO
	8.	wastewater stream that is not owned of generating the was	er streams or residual remons are transferred to an on-sion or operated by the owner or ste stream or residual.	operator of the source	YES NO
	9.	Group 1 wastewat	er streams or residual remons are transferred to an off-s Question VIII.W.8. and W.9	He Heatiment operation.	☐ YES ☐ NO
	10	The application as	rea includes waste managen I wastewater stream or a rester stream prior to shipment	lugar removed mom a	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 51) Federal Operating Permit Program

ite: 5/7/	2012		RN No.: 100218841	Permit No.	. O3528
rea Nam	e: Kaneka	Nutrients Division			
For S	SOP applie	cations, answer ALI	questions unless otherwise a U.Y these questions unless oth	0, 1, 1, 2	N NATIONAL
/Ш. Т Е	ITLE 40 (MISSION	CODE OF FEDER STANDARDS FO	AL REGULATIONS PART OR HAZARDOUS AIR POI	63 (40 CFR PART 6: LUTANTS FOR SOU	
W	V. Subp Gene	art YY - National ric Maximum Ach	Emission Standards for Haz ievable Control Technology	ardous Air Pollutants Standards	
	11.	TP1 linetion ore	a includes containers that recuter stream or a residual remov	eive, manage, or treat	☐ YES ☐ NO
	12.	The application are manage, or treat a	ea includes individual drain sy Group 1 wastewater stream of	a residual romovou	YES NO
	13.	The application ar	ea includes individual drain so OCFR § 63.136 through the unit systems and control devices	se of covers and, if	YES NO
	14.	Ti-stion or	rea includes individual drain s O CFR § 63.136 through the u	ystems that are	☐ YES ☐ NO
	15.	The application as stations, trenches process unit; an a complying with 4 polycarbonate pro If the response to VIII.W.20.	rea includes drains, drain hubs or pipes that are part of an ac- crylic and modacrylic fiber pr 0 CFR § 63.1103(b)(3)(i); or oduction process unit. Question VIII.W.15. is "NO"	oduction process unit an existing , go to Question	☐ YES ☐ NO
	16.	stations, trenches	rea includes drains, drain hub or pipes that meet the criteria (3). Question VIII.W.16. is "NO"	. IIsled III 40 CI K	☐ YES ☐ NO
	17.	The application a stations, trenches average concentrations by weight of con-	area includes drains, drain hub s or pipes that convey water water or ation greater than or equal to appounds meeting the definition of Part 60, Subpart G, at any	itif a total aimual 10,000 parts per millio n of organic HAP in	n YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 52) Federal Operating Permit Program

Date: 5/7/2012				RN No.: 100218841	Permit No	.: O3528		
Area Name: Kaneka Nutrients Division								
<i>Fa</i> ♦ <i>Fa</i>	or SOF or GO	P appli P appl	ications, answer ALI lications, answer ON	, questions unless otherwise direct LY these questions unless otherwi.	ed. se directed.			
VIII.	EMIS	E 40 SSION inued)	N STANDARDS FO	AL REGULATIONS PART 63 (OR HAZARDOUS AIR POLLUT	40 CFR PART 6 FANTS FOR SO	3) - NATIONAL URCE CATEGORIES		
	w.	Subp Gene	eart YY - National I eric Maximum Achi	Emission Standards for Hazardo evable Control Technology Stan	us Air Pollutants dards	s for Source Categories -		
		18.	stations, trenches or average concentrati by weight of comportable 9 to 40 CFR	a includes drains, drain hubs, mand pipes that convey water with a toron greater than or equal to 1,000 pounds meeting the definition of organt 60, Subpart G, at an annual aval to 10 liters per minute.	tal annual parts per million ganic HAP in	☐ YES ☐ NO		
		19.	stations, trenches of and modacrylic fibe affected source or is water with a total as to 10 ppmw of com Table 9 to 40 CFR	a includes drains, drain hubs, mand pipes that are part of an acetyl reser production process unit that is pass a new affected source and the equation average concentration greated pounds meeting the definition of copart 60, Subpart G, at an average all to 0.02 liter per minute.	sins or acrylic art of a new uipment conveys or than or equal organic HAP in	☐ YES ☐ NO		
		20.	The application are	a includes an ethylene production	process unit.	☐ YES ☒ NO ☐N/A		
		21.	ethylene production	uestions VIII.W.20. and VIII.W.21		☐ YES ⊠ NO ☐N/A		
		22.	CFR § 63.1103(e),) contains at least one of the chemic Table 7(g)(1). Suestion VIII.W.22. is "NO," go to		☐ YES ☐ NO		
		23.		transferred off-site for treatment. tuestion VIII.W.23. is "NO," go to	Question	☐ YES ☐ NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 53) Federal Operating Permit Program

ite:	5/7/201	2	Permit No.:	O3528	
ran N	[ame.]	Kaneka	Nutrients Division		
	or SOI or GO	P applio P appli	cations, answer ALL questions unless otherwise directed cations, answer ONLY these questions unless otherwise	CEP PART 63) - NATIONAL
ш.	EMI	SSION	CODE OF FEDERAL REGULATIONS PART 63 (40 STANDARDS FOR HAZARDOUS AIR POLLUTA		
	w.	Subp	art YY - National Emission Standards for Hazardous ric Maximum Achievable Control Technology Stand		
	<u> </u>	24.	The application area has waste management units that t waste stream(s) prior to transfer off-site for treatment. If the response to Question VIII.W.24. is "YES," go to VIII W 54	reat or manage Question	☐ YES ☐ NO
<u>,</u>	 -	25.	The total annual benzene quantity from waste at the sit Mg/yr as determined according to 40 CFR § 61.342(a).	e is less than 10	
		26.	The application area contains at least one waste stream continuous butadiene waste stream as defined in 40 CF § 63.1082(b). If the response to Question VIII.W.26. is "NO," go to VIII.W.43.	that is a FR	☐ YES ☐ NO
		27.	The waste stream(s) contains at least 10 ppmw 1,3-but rate of 0.02 liters per minute or is designated for contribute of the response to Question VIII.W.27. is "NO," go to VIII.W.43.	UI.	YES NO
		28.	The control requirements of 40 CFR Part 63, Subpart wastewater as specified in 40 CFR § 63.1095(a)(2) are control of the waste stream(s). If the response to Question VIII.W.28. is "NO," go to VIII.W.33	Question	☐ YES ☐ NO
		29.	The application area includes containers that receive, a continuous butadiene waste stream.		
		30.	The application area includes individual drain system manage, or treat a continuous butadiene waste stream If the response to Question VIII.W.30. is "NO", go to VIII.W.43.	L•	L YES L NO
		31.		ns that are covers and, if	☐ YES ☐ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 54) Federal Operating Permit Program

eta: 5	5/7/2012			RN No.: 100218841		Permit No.:	O3528
*T	- Von	eka l	Nutrients Divisio	n			
	or SOP ap or GOP ap	plice oplic	utions, answer AL ations, answer O	L questions unless othe NLY these questions un	(2 (40 CE	cted.	- NATIONAL
ΉΙ.	TITLE 4 EMISSI	ON	ODE OF FEDEI STANDARDS F	RAL REGULATIONS OR HAZARDOUS A	R POLLUTANT	S FOR SOU	
		bpa ener	ic Maximum Ac	mevable Control rect	1101097		for Source Categories -
	32	1	The application a complying with 4 tightly fitting cap If a response to Q	rea includes individual 0 CFR § 63.136 throug s or plugs. Question VIII.W.32. is re	drain systems that the use of water sequired, go to Ques	are seals or stion	☐ YES ☐ NO
<u> </u>	33	3.	The application a	area has containers, as on timuous butadiene was of Question VIII.W.33. is	efined in 40 CFR { te stream. the "NO", go to Quest the graph of the stream of the str	§ 61.341,	☐ YES ☐ NO
	3.	4.	The application 40 CFR § 61.34. If the response to VIII W. 36.	area is an alternate mea requirements for conto Question VIII.W.34 is	"YES", go to Que	stion	☐ YES ☐ NO
	3	15.	Covers and clos the container is pressure.	ed-vent systems used for maintained at a pressur	0 1033 than war		☐ YES ☐ NO
	3	36.	The application CFR § 61.341, stream. If the response VIII.W.43.	area has individual dra that receive or manage to Question VIII.W.36.	is "NO", go to Qu	estion	☐ YES ☐ NO
		37.	meet the 40 CF If the response VIII W 43.	area is using an alternate § 61.346 requirement to Question VIII.W.37	is "YES", go to Qu	uestion	
		38.		n area has individual dr (a). to Question VIII.W.38			☐ YES ☐ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 55) Federal Operating Permit Program

Date: 5/7/2012	RN No.: 100218841 Perm	nit No.: O3528	
Area Name: Kaneka	Nutrients Division		
For SOP applic ◆ For GOP appli	cations, answer ALL questions unless otherwise directed. cations, answer ONLY these questions unless otherwise directed.		
EMISSION (continued)	CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PA STANDARDS FOR HAZARDOUS AIR POLLUTANTS FO	R SOURCE CATEGORIES	
W. Subpa Gener	art YY - National Emission Standards for Hazardous Air Poll ric Maximum Achievable Control Technology Standards	utants for Source Categories -	
	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	YES NO	
	The application area has individual drain systems complying with CFR § 61.346(b). If the response to Question VIII.W.40. is "NO", go to Question VIII.W.43.	1 40 YES NO	
	Junction boxes in the individual drain systems are equipped with system to prevent the flow of organic vapors from the junction bovent pipe to the atmosphere during normal operation.	a YES NO	
42.	Junction box vent pipes in the individual drain systems are conne to a closed-vent system and control device.	cted YES NO	
	The application area has at least one waste stream that contains benzene. If the response to Question VIII.W.43 is "NO", go to Question VIII.W.54.	☐ YES ☐ NO	
	The application area has containers, as defined in 40 CFR § 61.34 that receive a waste stream containing benzene. If the response to Question VIII.W.44. is "NO", go to Question VIII.W.47.	41, YES NO	
	The application area is an alternate means of compliance to meet 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.45 is "YES", go to Question VIII.W.47.	the YES NO	
	Covers and closed-vent systems used for containers operate such the container is maintained at a pressure less than atmospheric pressure.	that YES NO	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 56) Federal Operating Permit Program

						N 02529
te: 5/7/2012 RN No.: 100218841 Permit No.						No.: O3528
ea N	ame:	Kaneka	Nutrients Division			
	or SOI	P applio	cations, answer AL.	L questions unless otherwis VLY these questions unless o	ther wise an ootou	TANKS AND THE STATE OF THE STAT
n.	TITI EMI	E 40 (SSION	CODE OF FEDER STANDARDS FO	AL REGULATIONS PAI OR HAZARDOUS AIR PO	RT 63 (40 CFR PAR OLLUTANTS FOR	300
	w.	Subp	art YY - National ric Maximum Ach	Emission Standards for H ievable Control Technolo	azardous Air Polluta gy Standards	ants for Source Categories -
		47	The application are CFR § 61.341, that	ea has individual drain systet receive or manage a waste	ems, as defined in 40 stream containing	☐ YES ☐ NO
		48.	meet the 40 CFR { If the response to VIII.W.54.	ea is using an alternate mea § 61.346 requirements for in Question VIII.W.48 is "YES	", go to Question	
		49.	CED 8 61 346(a)	ea has individual drain syst Question VIII.W.49 is "NO		40 YES NO
		50.	operate such that	d-vent systems used for indi the individual drain system atmospheric pressure.	vidual drain systems is maintained at a	☐ YES ☐ NO
<u>.</u>		51.	The application a	rea has individual drain sys		40 YES NO
-		52.	Junction boxes in	the individual drain system the flow of organic vapors tmosphere during normal o	from the junction box	
		53.	Junction box ven	t pipes in the individual dra system and control device.		
		54.	The application a	rea contains a cyanide cher Question VIII.W.54is "NC		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 57) Federal Operating Permit Program

Date: 5	/7/201	12		RN No.: 100218841	Permit N	Io.: O3528
			a Nutrients Division			
lacktriangle Fo	r GO.	P $appl$	ications, answer ON	L questions unless otherwise di ILY these questions unless othe	rwise airectea.	
	TITI EMI		CODE OF FEDER STANDARDS FO	AL REGULATIONS PART (OR HAZARDOUS AIR POLI	63 (40 CFR PART	63) - NATIONAL OURCE CATEGORIES
	w.	Subn	art VV - National l	Emission Standards for Haza levable Control Technology S	rdous Air Pollutai tandards	
		55.	The cyanide chemi wastewater contain	cals manufacturing process gen ing hydrogen cyanide or acetor	erates maintenance nitrile.	YES NO
	Х.	Subp		Emission Standards for Haza		nt Emissions: Group IV
		1.	The application are and/or their associa	ea includes thermoplastic produ ated affected sources specified 5), that are subject to 40 CFR F Question VIII.X.1. is "NO", go	in 40 CFK Part 63, Subpart JJJ.	☐ YES ⊠ NO
		2.	The application are and/or wastewater	ea includes thermoplastic produstreams and wastewater operatermoplastic product process uniquestion VIII.X.2 is "NO", go a	ict process units ions that are ts.	☐ YES ☐ NO
		3.	All process wastev	vater streams generated or man e from sources producing polys Question VIII.X.3. is "YES", go	aged in the	☐ YES ☐ NO
		4.	All process waster	water streams generated or man re from sources producing ASA Question VIII.X.4. is "YES", go	aged in the /AMSAN.	☐ YES ☐ NO
		5.	The application ar designated as Gro	ea includes process wastewater up 1 or are determined to be Gr n 40 CFR § 63.1312.	streams that are	☐ YES ☐ NO
		6.	The application ar existing sources, t	ea includes process wastewater hat are Group 2 for organic HA	streams, located a Ps as defined in	YES NO
	<u> </u>	7.	The application an new sources, that § 63.1312.	ea includes process wastewater are Group 2 for organic HAPs	streams, located a as defined in 40 CF	t YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 58) Federal Operating Permit Program

Date:	5/7/2012	2		RN No.: 100218841	I	ermit No.:	O3528
Area N	Vame: K	anek	a Nutrients Division				
F A B	For SOP	appli	cations, answer ALI	L questions unless other ILY these questions unle	wise directed. ess otherwise direct	ted.	
VIII.	TITLI EMIS (contin	E 40 (SION nued)	CODE OF FEDER STANDARDS FO	AL REGULATIONS OR HAZARDOUS AII	PART 63 (40 CFR R POLLUTANTS	PART 63) FOR SOU	RCE CATEGORIES
	Х.	Subp Polyr	art JJJ - National l ners and Resins <i>(ca</i>	Emission Standards fo ontinued)	r Hazardous Air l	Pollutant E	missions: Group IV
		8.	total source mass fl	water streams at the site lowrate of less than 1 M Question VIII.X.8. is "Y	lG/yr.		☐ YES ☐ NO
		9.	streams demonstrated MG/vr.	ted and/or partially treated to have a total source	e mass flowrate of	less than	☐ YES ☐ NO
		10.	The application are manage a partially during treatment.	ea includes waste manag treated Group 1 wastev	gement units that re vater stream prior to	eceive or o or	YES NO
		11.	wastewater streams that is not owned o	er streams or residual rest are transferred to an or operated by the owneste stream or residual.	n-site treatment op	eration	☐ YES ☐ NO
		12.	wastewater stream	er streams or residual ress are transferred to an one Question VIII.X.11 VI	tt-site treatment of	eration.	☐ YES ☐ NO
		13.	The application are	ea includes waste mana wastewater stream or a er stream prior to shipm	residual removed	eceive or from a	☐ YES ☐ NO
				Contair	ners		
		14.	The application ar Group 1 wastewat	ea includes containers t er stream or a residual r	hat receive, manag emoved from a Gr	e, or treat a oup 1	☐ YES ☐ NO

wastewater stream.



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 59) Federal Operating Permit Program

				2 NT /	72578
ate: 5	5/7/2012	2	RN No.: 100218841	Permit No.: (<i>)</i> 5520
rea N	lame: K	 Caneka	Nutrients Division		
	or SOP	applio	cations, answer ALL questions unless otherwise directed.	ted.	
<u>г</u> Ш.	TITL	E 40 (SSION	CODE OF FEDERAL REGULATIONS PART 63 (40 CF) STANDARDS FOR HAZARDOUS AIR POLLUTANTS	FOR SOUR	
	Х.	Subpa Polyn	art JJJ - National Emission Standards for Hazardous Air ners and Resins <i>(continued)</i>	Pollutant En	uissions: Group 14
		 	Drains (continued)		
		15.	The application area includes individual drain systems that remanage a Group 1 wastewater stream or a residual removed Group 1 wastewater stream. If the response to Question VIII.X.15. is "NO", go to Questiv VIII.X.18.	from a	∏ YES ∏ NO
		16.	The application area includes individual drain systems that a complying with 40 CFR § 63.136 through the use of covers vented, closed vent systems and control devices.		☐ YES ☐ NO
		17.	The application area includes individual drain systems that a complying with 40 CFR § 63.136 through the use of water stightly fitting caps or plugs.	are seals or	☐ YES ☐ NO
		18.	The application area includes drains, drain hubs, manholes, trenches, or pipes that are part of an thermoplastic product of the response to Question VIII.X.18. is "NO", go to Section VIII.X.18.	01000	☐ YES ☐ NO
		19.	The application area includes drains, drain hubs, manholes, trenches or pipes that meet the criteria listed in 40 CFR § 6 § 63.1330(b)(12). If the response to Question VIII.X.19, is "NO", go to Section VIII.X.19.	, lift stations, 3.149(d) and on VIII.Y.	☐ YES ☐ NO
		20.	The application area includes drains, drain hubs, manholes trenches, or pipes that convey water with a total annual aveconcentration greater than or equal to 10,000 parts per mill weight of compounds meeting the definition of organic HA 40 CFR § 63.1312, at any flow rate.	, lift stations, erage lion by AP in	
		21.	The application area includes drains, drain hubs, manholes trenches or pipes that convey water with a total annual ave concentration greater than or equal to 1,000 parts per milli of compounds meeting the definition of organic HAP in 40 § 63.1312, at an annual average flow rate greater than or end of the per minute.	on by weight 0 CFR	1



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 60) Federal Operating Permit Program

Date: 5/7/2012 RN No.: 100218841 Permit No.: O3528						No.: O3528				
			Nutrients Division	1						
F.	or SOI or GO	P appli P appl	cations, answer AL ications, answer Ol	L questions unless otherwise a NLY these questions unless oth	erwise aireciea.					
VIII.	EMI	TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)								
	Х.	The Standard for Hagardous Air Pollutant Emissions: Group IV								
	2.7	* ** :								
		22.	trenches or pipes that is a new affect equipment convey greater than or equipment the definition average annual floor	ea includes drains, drain hubs, hat are part of an thermoplastic ted source or part of a new affers water with a total annual averal to 10 parts per million by water of organic HAP in 40 CFI was rate greater than or equal to	e product process unected source and the rage concentration reight of compounds § 63.1312, at an 0.02 liter per minut	s te				
	Y.	Subp Refir	art UUU - Nation eries: Catalytic C	Emission Standards for Hazardous Air Pollutants for Petroleum acking Units, Catalytic reforming Units, and Sulfur Recovery Units.						
		1.	The application ar Subpart UUU - No Pollutants for Petr	ea is subject to 40 CFR Part 6.0 ational Emission Standards for coleum Refineries: Catalytic Catalytic Units, and Sulfur Recovery	3, Hazardous Air racking Units,	☐ YES ⊠ NO				
	Z.	Subp	oart AAAA - Natio te (MSW) Landfill	onal Emission Standards for ls.	Hazardous Air Pol	llutants for Municipal Solid				
*		1.	The application as	rea is subject to 40 CFR Part 6 National Emission Standards f nicipal Solid Waste Landfills.	3, for Hazardous Air	☐ YES ⊠ NO				
	AA.	Subj Orga	utants for Miscellaneous							
		1.	The application a	rea is located at a site that incliprimary product one or more of	des process units th	hat ed YES NO				
		2.	The application a defined in FCAA	rea is located at a plant site tha § 112(a).	t is a major source	as YES NO				



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 61) Federal Operating Permit Program

Date: 5/7/2012		N No.: 100218841 Permit No.:		O3528		
Area Name: Kaneka Nutrients Division						
For SOP of For GOP	For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.					
VIII. TITLE	E 40 CODE OF FEDER SION STANDARDS FO	AL REGULATIONS PART 63 (40 CF OR HAZARDOUS AIR POLLUTANT	R PART 63) - NATIONAL RCE CATEGORIES		
AA. S	Subpart FFFF - Nationa Organic Chemical Prod	al Emission Standards for Hazardous Auction and Processes (MON)	Air Pollutan	ts for Miscellaneous		
3	chemical manufact generate one or mo § 112(b) of the Cle	a is located at a site that includes miscell uring process units (MCPU) that process re of the organic hazardous air pollutants an Air Act or hydrogen halide and halogouestion VIII.AA.1, AA.2 or AA.3 is "NO	, use or s listed in en HAP.	☐ YES ⊠ NO		
4	racks, or waste stre	a includes process vents, storage vessels ams associated with a miscellaneous che cess subject to 40 CFR 63, Subpart FFFF Question VIII.AA.4 is "NO", go to Section	mical	☐ YES ☐ NO		
	The application are If the response to Q VIII.AA.17.	a includes process wastewater streams. Question VIII.AA.5 is "NO", go to Questi	ion	☐ YES ☐ NO		
(designated as Grou	a includes process wastewater streams the p 1 or are determined to be Group 1 for a Table 8 and Table 9, as appropriate, of 4	compounds	☐ YES ☐ NO		
,	total source mass fl	water streams at the site are demonstrated lowrate of less than 1 MG/yr. Question VIII.AA.7. is "YES", go to Section.		☐ YES ☐ NO		
	streams demonstrat 1 MG/yr.	ted and/or partially treated Group 1 wast ted to have a total source mass flowrate of Question VIII.AA.8. is "NO", go to Question VIII.AA.8.	of less than	☐ YES ☐ NO		
g	The application are manage a partially during treatment.	ea includes waste management units that treated Group 1 wastewater stream prior	receive or to or	☐ YES ☐ NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 62) **Federal Operating Permit Program**

Date: :	Date: 5/7/2012			RN No.: 1002188	41	Permit No.:	O3528
	Area Name: Kaneka Nutrients Division						
F Φ F	or SOI or GO	P appli P appl	ications, answer AL. lications, answer ON	L questions unless o NLY these questions	therwise directed. unless otherwise dire	ected.	
vm.	TITI EMI: (cont	LE 40 SSIOI inued,	CODE OF FEDER N STANDARDS FO	AL REGULATION OR HAZARDOUS	NS PART 63 (40 CE AIR POLLUTANT	FR PART 63 S FOR SOU	RCE CATEGORIES
	AA.	Subp Orga	eart FFFF - Nations mic Chemical Prod	al Emission Standa luction and Process	rds for Hazardous A es (MON)	Air Pollutant	ts for Miscellaneous
		10.	wastewater streams that is not owned o	s are transferred to a	I removed from Groun on-site treatment owner or operator of the	peration	☐ YES ☐ NO
		11.	wastewater streams	s are transferred to a Question VIII.AA.10.	I removed from Groun off-site treatment of and VIII.AA.11. are	peration.	☐ YES ☐ NO
		12.	manage a Group 1	ea includes waste ma wastewater stream o er stream prior to shi	nnagement units that or a residual removed pment or transport.	receive or l from a	☐ YES ☐ NO
		13.	The application are Group 1 wastewate wastewater stream.	er stream or a residu	rs that receive, managal removed from a G	ge, or treat a roup 1	☐ YES ☐ NO
		14.	manage a Group 1 Group 1 wastewate	wastewater stream or stream.	al drain systems that or a residual removed is "NO", go to Que	I from a	☐ YES ☐ NO
		15.	complying with 40	ea includes individual CFR § 63.136 throut t systems and contro	al drain systems that agh the use of covers al devices.	are and, if	☐ YES ☐ NO
		16.	The application are complying with 40 tightly fitting caps	CFR § 63.136 thro	al drain systems that ugh the use of water	are seals or	☐ YES ☐ NO
		17.	The application are	ea includes drains, d	rain hubs, manholes,	lift stations,	

trenches, or pipes that are part of a chemical manufacturing process

If the response to Question VIII.AA.17. is "NO", go to Section VIII.BB.

unit that meets the criteria of 40 CFR § 63.100(b).

☐ YES ☐ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 63) Federal Operating Permit Program

late: 4	5/7/2012	==		RN No.: 100218841	Permit No.:	O3528
man N	lome: Ka	 aneka	Nutrients Divisio	n		
	or SOP o	applic	ations, answer Al	L questions unless otherwis		NATIONAL
/ III .	TITLE	2 40 C SION	CODE OF FEDER STANDARDS F	RAL REGULATIONS PA OR HAZARDOUS AIR P	OLLUTANTS FOR SOUT	
		Subpa	nic Chemical Pro	duction and 1 rocesses (2.2	r Hazardous Air Pollutant ON)	s for Miscellaneous
-			The application a trenches or pipes manufacturing pr	rea includes drains, drain hu (that are part of a miscellan ocess unit) that meet the crip Question VIII.AA.18 is "No	ibs, manholes, lift stations, eous chemical teria listed in 40 CFR	☐ YES ☐ NO
		19.	The application a trenches or pipes concentration of FFFF is greater t	trea includes drains, drain he that convey water with a to compounds in table 8 of 40 han or equal to 10,000 ppm of compounds in table 8 of han or equal to 200 lb/yr.	ubs, manholes, lift stations, tal annual average CFR Part 63, Subpart w at any flowrate, and the	☐ YES ☐ NO
		20.	The application trenches or pipes concentration of	area includes drains, drain he sthat convey water with a to compounds in table 8 of 40 than or equal to 1,000 ppm wer than or equal to 1 liter pe	v, and the annual average	☐ YES ☐ NO
		21.	The application trenches or pipe that is subject to and the equipment concentration of Subpart FFFF is combined total authors is great	area includes drains, drain I s that are part of a chemical of the new source requirement conveys water with a confiction of compounds in tables 8 and a greater than or equal to 30 annual load of compounds in the compound in the compo	nubs, manholes, lift stations, manufacturing process unit ats of 40 CFR § 63.2445(a); mbined total annual average 9 of 40 CFR Part 63, 000 ppmw, and the n tables 8 and 9 to this	☐ YES ☐ NO
	BB.	Sul Ext	part GGGG - Na	ational Emission Standard etable Oil Production.	s for Hazardous Air Pollu	
		1.	by itself a major	n area includes a vegetable or or source of HAP emissions other sources that are indivi f HAP emissions.	oil production process that: is or, is collocated within a dually or collectively a	YES NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 64) Federal Operating Permit Program

					00.500
Date: 5/7/201	2		RN No.: 100218841	Permit No.:	O3528
		ca Nutrients Division			
For GO	P app	lications, answer ON	L questions unless otherwise dire VLY these questions unless other	wise aireciea.	
VIII. TITL EMIS (cont	E 40 SSIOI inued	CODE OF FEDER N STANDARDS FO	AL REGULATIONS PART 6 OR HAZARDOUS AIR POLL	3 (40 CFR PART 63 UTANTS FOR SOU	RCE CATEGORIES
CC.	Subp	oart GGGGG - Nati	ional Emission Standards for I	Hazardous Air Pollu	tants: Site Remediation
· · · · · · · · · · · · · · · · · · ·	1.	conducted.	a includes a facility at which a suestion .CC.1. is "NO", go to Sec		☐ YES ⊠ NO
	2.	CFR 8 63.7881(b)(ns qualify for one of the exempti 1) through (6). uestion .CC.2. is "YES", go to Se	•	☐ YES ☐ NO
	3.	Prior to beginning s	site remediation activities it was determined that the AP listed in Table 1 of Subpart GGGGG that will be site remediations will be less than 1 Mg/yr.		☐ YES ☐ NO
	4.		on will be completed within 30 consecutive calendar		☐ YES ☐ NO
	5.	materials subject to	ea includes containers that manage 40 CFR Part 63, Subpart GGG Question VIII.CC.5 is "NO", go	GG.	☐ YES ☐ NO
	6.	The application are controls as specific	ea includes containers using Coned in 40 CFR § 63.922(b).	ntainer Level 1	☐ YES ☐ NO
	7.	The application are 0.46 m ³ that meet t (ii).	ea includes containers with a cap the requirements of 40 CFR § 63	eacity greater than 3.7900(b)(3)(i) and	☐ YES ☐ NO
	8.	The application are controls as specific	ea includes containers using Coned in 40 CFR § 63.923(b).	ntainer Level 2	☐ YES ☐ NO
	9.	The application are controls as specific	ea includes containers using Cored in 40 CFR § 63.924(b).	ntainer Level 3	☐ YES ☐ NO
DD.	Sub Cat	mart RRRRRR - Na	tional Emission Standards for Distribution Bulk Terminals, B	Hazardous Air Pollulk Plants and Pipel	utants for Source ine Facilities
	1.	The application are	ea is located at a site that is an ar	rea source of	☐ YES ⊠ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 65) Federal Operating Permit Program

Date:	Date: 5/7/2012			RN No.: 100218841	Permit No.:	O3528
Area N	lame:	ame: Kaneka Nutrients Division				
<i>F F</i>	or SOI or GO	P appli P appl	ications, answer ALI ications, answer ON	L questions unless otherw ILY these questions unless	ise directed. s otherwise directed.	
VIII.	TITI EMI (cont) - NATIONAL RCE CATEGORIES				
	DD.	Subp Cates	art BBBBBB - Nat gories: Gasoline D	ional Emission Standard istribution Bulk Termin	ds for Hazardous Air Pollu als, Bulk Plants and Pipeli	tants for Source ne Facilities
		2.	The application are		kout station, as defined in	☐ YES ☐ NO
		3.	The application are 40 CFR Part 63, Su	a includes a pipeline pum bpart BBBBBB.	ping station as defined in	YES NO
		4.	CFR Part 63, Subp	a includes a bulk gasoline art BBBBBB. Lestion VIII.DD.4. is "NO		☐ YES ☐ NO
		5.	compliance with a	plant was operating, prior n enforceable State, local I fill as specified in 40 CI	or tribal rule or permit that	☐ YES ☐ NO
		6.	40 CFR Part 63, Subpart R or Subp	ea includes a bulk gasolinubpart BBBBBB, not subject CC. Subject on VIII.DD.6. is "NO	e terminal, as defined in ject to 40 CFR Part 63, O", go to Section VIII.EE.	☐ YES ☐ NO
		7.	gallons per day.	terminal has a throughput uestion VIII.DD.7. is "YE	of less than 250,000 S", go to Section VIII.EE.	☐ YES ☐ NO
		8.	The bulk gasoline other than railcar of	terminal loads gasoline in argo tanks.	to gasoline cargo tanks	☐ YES ☐ NO
		9.	The bulk gasoline If the answer to Qu	terminal loads gasoline in uestion VIII.DD.9. is "NO	nto railcar cargo tanks. O", go to Section VIII.EE.	YES NO
		10.	The bulk gasoline which do not colle	terminal loads gasoline ir ct vapors from a vapor ba	nto railcar cargo tanks llance system.	☐ YES ☐ NO
	- 	11.	which collect vapo	terminal loads gasoline ir ors from a vapor balance s ederal, State, local, or trib	system and that system	☐ YES ☐ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 66) Federal Operating Permit Program

Date:	5/7/201	12		RN No.: 100218841	Permit No.	: O3528
Area l	Vame:	Kaneka	a Nutrients Divisio	on		
1 1	For GO	P $annl$	ications, answer O	LL questions unless other NLY these questions unle	255 Other wise an ecteur.	
VIII.	TITI EMI		CODE OF FEDE STANDARDS F	DAT DECITE ATTONS	PART 63 (40 CFR PART 63 R POLLUTANTS FOR SOL) - NATIONAL JRCE CATEGORIES
	EE.	Recei	ntly Promulgated	40 CFR Part 63 Subpa	rts	1
*		1.	The application as Part 63 subparts r If the response to of promulgated 4	rea is subject to one or mot addressed on this form	ore promulgated 40 CFR	⊠ YES □ NO
♦		2.			art EEE) in the space provide	d below.
Subpa	art ZZZ	Z				
IX.	TIT	LE 40	CODE OF FEDE T PREVENTION	RAL REGULATIONS N PROVISIONS	PART 68 (40 CFR PART 6	8) - CHEMICAL
	Α.	_ : :	icability			
*		1.	The application a	area contains processes su ent Prevention Provisions	bject to 40 CFR Part 68, , and specified in 40 CFR	☐ YES ⊠ NO
X.	TIT STR	LE 40	CODE OF FEDE	ERAL REGULATIONS	PART 82 (40 CFR PART 8	32) - PROTECTION OF
	Α.			on and Consumption Co	ontrols	
*	<u> </u>	1.	The application :	area is located at a site the	at produces, transforms,	☐ YES ⊠ NO ☐ N/A
	В.	Sub		g of Motor Vehicle Air (·
*		1.	Servicing, maint systems using or application area.	enance, and/or repair of to zone-depleting refrigeran	leet vehicle air conditioning ts is conducted in the	☐ YES ⊠ NO
	C.	Sub Pro	part C - Ban on N lucts Containing	Nonessential Products C or Manufactured with	ontaining Class I Substance Class II Substances	
*		1.	The application	area sells or distributes o release a Class I or Class		t YES ⊠ NO □ N/A



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 67) Federal Operating Permit Program

D. t	012	nit No.: O3528				
Date: 5/7/20	rea Name: Kaneka Nutrients Division					
	3D 7	in the computer AT	L questions unless otherwise	directed. Derwise directed.		
For GO	ОР аррі	lications, answer O	NLY these questions unless of	г 82 (40 CFR PA	ART 82) - PROTECTION OF	₹
X. TIT STI	TLE 40 RATOS	CODE OF FEDER SPHERIC OZONE	(continued)	02 (10 02 11 1		
D.	Subp	oart D - Federal Pr				/ A
*	1.	instrumentality of	ea is owned/operated by a departed the United States.			/A.
E.	Subj	part E - The Label	ing of Products Using Ozon	Depleting Subst	tances	
*	1.	The application as	rea includes containers in which d or transported prior to the sa to the ultimate consumer.	ch a Class I or Cla	ass II YES NO N	
♦	2.	The application a distributor, or reta	rea is a manufacturer, importeniler of products containing a	r, wholesaler, Class I or Class II		<u></u>
*	3.	distributor, or reta	rea is a manufacturer, importe ailer of products manufactured Class II substance.	r, wholesaler, I with a process th	hat YES NO NO N	ĭ/A
F.	Sub	part F - Recycling	and Emissions Reduction			
*	1.	Servicing, mainte	enance, and/or repair on refrig tion appliances using ozone-d titutes is conducted in the app	spienng renderan	otor XYES NO NO	
*	2.	Dianosal of appli	ances (including motor vehicle) n-exempt substitute reclamation	e air conditioners		
♦	3.	The application a	area manufactures appliances	or refrigerant recy	ycling YES NO 1	N/A
G	. Sul	·	nt New Alternatives Policy l	rogram		
*	1.	The application approduct substitution and of for use	area manufactures, formulates tes, or alternative manufacturi as a replacement for a Class I o Question X.G.1 is "NO", go	, or creates cheming processes that or Class II compo	ound.	
*	2.	All substitutes n	roduced by the application are in 40 CFR § 82.176(b)(1) - (7	ea meet one or mo	ore of YES NO	N/A
G. ♦	1.	The application approduct substitution intended for use If the response to	area manufactures, formulates tes, or alternative manufacturi as a replacement for a Class I o Question X.G.1 is "NO", go produced by the application are	or creates cheming processes that or Class II composto Section X.H.	are ound.	



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 68) Federal Operating Permit Program

Date: 5/7/2012 RN No.: 100218841 Permit No.: O3528			: O3528			
Area	Name: I	––– Kanek	a Nutrients Division			
	For SOF	appl	ications, answer ALL	questions unless otherwise o LY these questions unless oth	VO / 11 VIS	PROTECTION OF
ζ.	TITL	E 40	CODE OF FEDERA PHERIC OZONE	AL REGULATIONS PART	T 82 (40 CFR PART 82	2) - PROTECTION OF
	н.	Subj	oart H -Halon Emiss	ions Reduction		
*		1.	Testing, servicing, r	naintaining, repairing, or dis conducted in the application	posing of equipment area.	☐ YES ☐ NO ☐ N/A
•		2. Disposal of halons or manufacturing of halon blends is conducted in the application area.				☐ YES ⊠ NO ☐ N/A
XI.	MIS		ANEOUS			
	A. Requirements Reference Tables (RRT) and Flowcharts				1	
	· ·	1.	The emiliantian are	a contains units that are pote h the TCEQ has not develop	ntially subject to a	☐ YES ⊠ NO
-	В.	For	ms		· .	
*		1.	The application are regulation for which If the response to Question XI.C.	ea contains units that are pote th the TCEQ has not develop Question XI.B.1 is "NO" or	"N/A", go to	
♦		2.	Provide the Part ar Division designation	nd Subpart designation for the on for the State regulation(s)	e federal rule(s) or the of in the space provided by	Chapter, Subchapter and pelow.
	C.	Em	ission Limitation C	ertifications		
*		1.	The application ar	ea includes units for which f ns have been established by	ederally enforceable certification.	☐ YES ⊠ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 69) Federal Operating Permit Program

Date: 5	pate: 5/7/2012			RN No.: 100218841	Per	mit No.:	O3528
Area N	ame:	Kaneka	Nutrients Division		<u> </u>		
			4.7	L questions unless otherwise d VLY these questions unless oth	irected. erwise directed	!. <u></u>	
XI.		CELL	NEOUS (continu	ed)			- T-14
	D.	Alter Requ	irements	ontrol, Alternative Emission			
		1.	The application are	ea is located at a site that is sul state implementation plan (SI	oject to a site sp P).	pecific	☐ YES ⊠ NO
<u></u> .		2.	The application ar	ea includes units located at the	site that are su	bject to	☐ YES ⊠ NO
	a site specific requirement of the SIP. 3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.				☐ YES ⊠ NO		
		Tit	le IV - Acid Rain	Program			
		1.	The application a	rea includes emission units sul ncluding the Opt-In Program.	oject to the Acid	d Rain	☐ YES ⊠ NO
	. <u> </u>	2.	The application a exemption under	rea includes emission units qu	alifying for the	new unit	
		3.	The application a	rea includes emission units qu nder 40 CFR § 72.8.	alifying for the	retired	☐ YES ⊠ NO
		Cle	an Air Interstate I	Rule (CAIR NO _x and CAIR S	O ₂ Permit)		
		1.	The application a	area includes emission units su the Clean Air Interstate Rule. O Question XI.F.1. is "NO", go	bject to the	<i>G</i>	☐ YES ⊠ NO
		2.	The emplication	area includes emission units quunder 40 CFR §§ 96.105 and	alifying for the	e retired	☐ YES ☐ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 70) Federal Operating Permit Program

Date	te: 5/7/2012 RN No.: 100218841 Permit No.: O3528		: O3528			
Area	Name:	Kanek	a Nutrients Division			
*	For SO For GC	P appl P app	ications, answer ALI lications, answer ON	L questions unless otherwise a LY these questions unless oth	lirected. erwise directed.	
XI.	MIS	CELL	ANEOUS (continue	ed)		
	G.	Pern	nit Shield (SOP App	olicants Only)		
,	•	1.	A permit shield for (Negative Applicab or already exists in	negative applicability entries le Requirement Determinatio the permit.	on Form OP-REQ2 ns) is being requested	⊠ YES □ NO
	Н.	GOP	Type (Complete th	is section for GOP applicat	ions only)	
*		1.	renewal of an oil ar Gas General Opera Denton, El Paso, Fo	a is applying for initial issuan nd gas general operating perm ting Permit for Brazoria, Char ort Bend, Galveston, Hardin, I ery, Orange, Tarrant, and Wal	it under 511 - Oil and mbers, Collin, Dallas, Harris, Jefferson,	☐ YES ☐ NO
*		2.	renewal of an oil ar	a is applying for initial issuan nd gas general operating perm ting Permit for Gregg, Nuece	it under 512 - Oil and	☐ YES ☐ NO
*		3.	renewal of an oil an Gas General Opera	a is applying for initial issuant gas general operating permiting Permit for Aransas, Bexatricio, and Travis Counties.	it under 513 - Oil and	☐ YES ☐ NO
*		4.	renewal of an oil an Gas General Opera Bexar, Brazoria, Ca Fort Bend, Galvest	a is applying for initial issuant gas general operating permiting Permit for All Texas Coualhoun, Chambers, Collin, Daon, Gregg, Hardin, Harris, Jefomery, San Patricio, Tarrant,	it under 514 - Oil and inties Except Aransas, llas, Denton, El Paso, ferson, Liberty,	☐ YES ☐ NO
•		5.	renewal of a solid	a is applying for initial issuar waste landfill general operatin id Waste Landfill general ope	g permit under	☐ YES ☐ NO



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 71) Federal Operating Permit Program

Date: 5/	/7/2012		RN No.: 100218841	Permit No.	: O3528
Area Name: Kaneka Nutrients Division					
For ♦ For	r SOP app r GOP app	lications, answer ALI plications, answer ON	. questions unless otherwise directed. LY these questions unless otherwise direc	cted.	
XI.	MISCELI	LANEOUS (continue	d)	. 1	
]	I. Title	30 TAC Chapter 10	1, Subchapter H		
♦	1.		n is located in a nonattainment area. uestion XI.I.1. is "NO", go to question X	I.I.3.	⊠ YES □ NO
♦	2.		will generate emission reductions to be a Banking and Trading Program.	credited in	☐ YES ☒ NO ☐ N/A
♦	3.		will generate discrete emission reduction Q Emissions Banking and Trading Progra		☐ YES ⊠ NO ☐ N/A
♦	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NOx.			⊠ YES □ NO	
♦	5.		includes an electric generating facility pater 116, Subchapter I.	ermitted	☐ YES ⊠ NO
*	6.			☐ YES ⊠ NO	
♦	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.				⊠ YES □ NO
J	. Perio	dic Monitoring		1	·
♦	1.	The applicant or perr submitted at least one OP-MON.	nit holder is submitting or has previously e periodic monitoring proposal described	on Form	⊠ yes □ no



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 72) Federal Operating Permit Program

Date: 5/7/2012	RN No.: 100218841	Permit No.: O3528
Area Name: Kaneka Nutrients Division		

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	MISC	ELLANEOUS (continued)								
	К. (K. Compliance Assurance Monitoring								
*	1	. The application area includes at least one unit with a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. If the response to Question XI.K. 1. is "NO", go to Section XII.	⊠ YES □ NO							
*	2	. The unit or units defined by XI.K.1 are using a control device to comply with an applicable requirement. If the response to Question XI.K.2. is "NO", go to Section XII.	⊠ yes □ no							
♦	3	. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐ YES ☒ NO							
*	4	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.	⊠ YES □ NO							
	. 5	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	☐ YES ⊠ NO							
	6	Provide the unit identification numbers for the units for which the applical implementation plan and schedule in the space below.	ant is submitting a CAM							
♦	7	At least one unit defined by XI.K.1. and XI.K.2. is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	☐ YES ⊠ NO							
♦	8	All units defined by XI.K.1. and XI.K.2. are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). If the response to Question XI.K.8. is "YES", go to Section XII.	☐ YES ⊠ NO							
♦	9	The CAM proposal as described by question XI.K.3.or XI.K.4. addresses particulate matter or opacity.	☐ YES ⊠ NO							
*	1	0. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses VOC.	☑ YES ☐ NO							
♦	1	The control device in the CAM proposal as described by question XI.K.3.or XI.K.4. has a bypass.	⊠ YES □ NO							



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 73) Federal Operating Permit Program

			The state of the s						
Date	: 5/7/2012	Permit No.:	O3528						
Area	Name: Ka	neka Nutrients Division		·					
♦	For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.								
XII.	NEW S	OURCE REVIEW (N	SR) AUTHORIZATIONS						
	A. W	aste Permits with Air	Addendum	······································					
*	1.	Industrial Hazardou	a includes a Municipal Solid Waste Perm as Waste with an Air Addendum. [A.1. is "YES", include the waste permit in Section XII.J.		☐ YES ⊠ NO				
	B. A	ir Quality Standard Po	ermits						
♦	↑ 1. The application area includes at least one Air Quality Standard Permit NSR authorization. If the response to XII.B.1 is "NO", go to Section XII.C. If the response to XII.B.1 is "YES", be sure to include the standard permit's registration numbers in Section XII.H, and answer XII.B.2 - B.13 as appropriate.								
♦	2.	The application are Air Quality Standar	a includes at least one "Pollution Control rd Permit NSR authorization.	Control Project" YES NO					
*	3.	The application are Facilities" Air Qua	a includes at least one "Modification of Clity Standard Permit NSR authorization.	Oil and Gas	☐ YES ☐ NO				
*	4.	The application are Landfill" Air Quali 30 TAC § 116.621.	a includes at least one "Municipal Solid" ty Standard Permit NSR authorization un	Waste ider	☐ YES ☐ NO				
•	♦ 5. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.								
. 18	6.		a includes at least one "Concrete Batch Fermit NSR authorization.	'lant'' Air	☐ YES ☐ NO				
	7.	The application are Enhanced Controls	a includes at least one "Concrete Batch F" "Air Quality Standard Permit NSR author	Plant with orization.	☐ YES ☐ NO				
	8.		a includes at least one "Hot Mix Asphalt ermit NSR authorization.	Plant" Air	☐ YES ☐ NO				
*	9.	The application are	ea includes at least one "Rock Crusher" A	ir Quality	☐ YES ☐ NO				



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 74) Federal Operating Permit Program

Date: 5/7/2012				RN No.: 100218841	Permit	No.: O3528		
Area	Name:	Kanek	a Nutrients Division					
<u> </u>	For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.							
XII.				SR) AUTHORIZATIONS (
	В.		Quality Standard Pe					
•		10.	The application area Air Quality Standar If the response to X	YES NO				
•		11.	For purposes of "El Permit, the applicat	☐ YES ☐ NO				
•		12.	For purposes of "En Permit, the applicat	lectric Generating Unit" Air C	Quality Standard t Texas Region.	☐ YES ☐ NO		
*		13.		ea includes at least one "Boiler		YES NO		
	C.	Flexi	ible Permits					
*	♦ 1. The application area includes at least one Flexible Permit NSR authorization.							
	D. Multiple Plant Permits							
		1.	The application are authorization.	ea includes at least one Multi-	Plant Permit NSR	☐ YES ⊠ NO		



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 75) Federal Operating Permit Program

Date: 5/7/2012 RN No.: 1002188		Permit No.: O3528					
Area Name: Kaneka Nutrients Division				No			
For SOP applications, answer ALI For GOP applications, answer ON	ILY these questions unless o	therwise directe			1000		
XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary)							
♦ E. PSD Permits and PSD M	Iajor Pollutants						
PSD Permit No.:	Pollut	ant(s)					
PSD Permit No.:	Pollut	ant(s)					
PSD Permit No.:	Pollut	ant(s)					
PSD Permit No.:	Pollut	ant(s)					
♦ F. Nonattainment (NA) Pe	rmits and NA Major Pollu	itants	·				
NA Permit No.:	Pollut	ant(s)					
NA Permit No.:	Pollut	ant(s)					
NA Permit No.:	Pollut	ant(s)					
NA Permit No.:	Pollut	ant(s)					
♦ G. NSR Authorizations wit	th FCAA § 112(g) Require	ments					
NSR Permit No.: 71768	NSR I	Permit No.:					
NSR Permit No.:	NSR I	NSR Permit No.:					
NSR Permit No.:	NSR I	NSR Permit No.:					
♦ H Title 30 TAC Chapter 1 (Other Than Permits By	16 Permits, Special Permi y Rule, PSD Permits, NA I	ts, Standard Pe Permits) for the	rmits, Other A	Authorizat Area.	ions		
Authorization No.:	Autho	orization No.:					
Authorization No.:	Autho	rization No.:					
Authorization No.:	Autho	orization No.:					
Authorization No.:	Autho	orization No.:					
Authorization No.:	Autho	Authorization No.:					
Authorization No.:	Autho	orization No.:					
Authorization No.:	Autho	Authorization No.:					



Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 76) Federal Operating Permit Program

Date: 5/7/2012	RN No.: 100218841	Permit No.: O3528					
Area Name: Kaneka Nutrients Di	Area Name: Kaneka Nutrients Division						
For SOP applications, answer ALL questions unless otherwise directed.							

For SOP applications, answer ALL que	stions unless otherwise directed. hese questions unless otherwise directed.						
XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary)							
I. Permits by Rule (30 TAC Chapter 106) for the Application Area							
A list of selected Permits by Rule (previously re FOP application is available in the instruction	eferred to as standard exemptions) that are required to be listed in the s.						
PBR No.: 106.261	Version No./Date: 9/4/2000						
PBR No.: 106.262	Version No./Date: 9/4/2000						
PBR No.: 106.511	Version No./Date: 9/4/2000						
PBR No.:106.492	Version No./Date: 9/4/2000						
PBR No.: 106.371	Version No./Date: 9/4/2000						
PBR No.: 106.532	Version No./Date: 9/4/2000						
PBR No.:	Version No./Date:						
PBR No.:	Version No./Date:						
PBR No.:	Version No./Date:						
PBR No.:	Version No./Date:						
PBR No.:	Version No./Date:						
PBR No.:	Version No./Date:						
♦ J. Municipal Solid Waste and Inc	dustrial Hazardous Waste Permits With an Air Addendum						
Permit No.:	Permit No.:						
Permit No.:	Permit No.:						
Permit No.:	Permit No.:						
Permit No.:	Permit No.:						

Attachment No. 5 OP-REQ2 - Negative Applicable Requirement Determinations



Texas Commission on Environmental Quality Form OP-REQ2 Negative Applicable Requirement Determinations Federal Operating Permit Program

Date: 5/7/2012	Regulated Entity No.: RN100218841	Permit No.: O3528
Company Name: Kaneka North America LLC	Area Name: Kaneka Nutrients Division	

	Revision No.	Unit/Grou	ıp/Process			
Unit AI		ID No.	Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		IWW	OP-REQ1	Chapter 115	115.140	This is not an affected source category as defined in §115.140. The plant is a food supplements facility described in SIC Code 2023.
•						

TCEQ-10017 (Revised 10/07) OP-REQ2 Form This form for use by facilities subject to air quality permit requirements and may be revised periodically (APDG 5741 v2)

Page	0	f

Attachment No. 6 OP-REQ3 - Applicable Requirements Summary

Table 1a: Additions

Date: 5/7/2012 Regulated Entity No.:							
Company Name: Kaneka North America LLC				Area Name: Kan	eka Nutrients Divis	ion	
	Unit/Group/Process	5	SOP/GOP		Ap	plicable Regulatory Requirement	
Revision No.	ID No.	Applicable Form	Index No.	Pollutant	Name	Standard(s)	
	F-1	OP-UA15	R111VENT-001	PM	Chapter 111	111.111(a)(1)(B)	
	F-2	OP-UA15	R111VENT-002	PM	Chapter 111	111.111(a)(1)(B)	
	F-Q4410	OP-UA15	R111VENT-003	PM	Chapter 111	111.111(a)(1)(B)	
	F-Q2228	OP-UA15	R111VENT-004	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q3517	OP-UA15	R111VENT-005	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q3518	OP-UA15	R111VENT-006	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q3810	OP-UA15	R111VENT-007	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q2406	OP-UA15	R111VENT-008	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q2425	OP-UA15	R111VENT-009	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q3307	OP-UA15	R111VENT-010	PM	Chapter 111	111.111(a)(1)(B)	
	B-Q3813	OP-UA15	R111VENT-011	PM	Chapter 111	111.111(a)(1)(B)	
į	B-Q3814	OP-UA15	R111VENT-012	РМ	Chapter 111	111.111(a)(1)(B)	
	B-Q3805	OP-UA15	R111VENT-013	PM	Chapter 111	111.111(a)(1)(B)	

Date: 5/7/			o.: RN100218841 Permit No.: O3528					
Company	Name: Kaneka North An	nerica LLC		Area Name: Ka	neka Nutrients Divi	sion		
Unit/Group/		cess	CODICOD		A	pplicable Regulatory Requirement		
Revision No.	ID No.	Applicable Form	SOP/GOP Index No.	Pollutant	Name	Standard(s)		
	B-Q9300	OP-UA15	R111VENT-014	PM	Chapter 111	111.111(a)(1)(B)		
	F-1	OP-UA15	R115VENT-001	voc	Chapter 115	§115.121(a)(1) §115.122(a)(1) §115.122(a)(1)(A)		
	F-2	OP-UA15	R115VENT-002	VOC	Chapter 115	§115.121(a)(1) §115.122(a)(1) §115.122(a)(1)(A)		
	B-Q2425	OP-UA15	R115VENT-003	VOC	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
:	B-Q3517	OP-UA15	R115VENT-004	VOC	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
	B-Q3518	OP-UA15	R115VENT-005	voc	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
	B-Q3810	OP-UA15	R115VENT-006	voc	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
	B-Q3813	OP-UA15	R115VENT-007	voc	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
	B-Q3814	OP-UA15	R115VENT-008	voc	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
	B-Q3805	OP-UA15	R115VENT-009	VOC	Chapter 115	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)		
	1T-4201	OP-UA3	60KB-0001	voc	60 Subpart Kb	60.18 [G]§60.112b(a)(3)		

Table 1a: Additions

Date: 5/7/2012 Regulated Entity No.:		.: RN100218841			Permit No.: O3528	
Company	Name: Kaneka North Ame	rica LLC		Area Name: Ka	neka Nutrients Divi	
	Unit/Group/Proces	SS	SOP/GOP		A	pplicable Regulatory Requirement
Revision No.	ID No.	Applicable Form	Index No.	Pollutant	Name	Standard(s)
-	1T- 4 201	OP-UA3	R115TNK-001	voc	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-4207	OP-UA3	R115TNK-002	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5058	OP-UA3	R115TNK-003	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5104	OP-UA3	R115TNK-004	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5110	OP-UA3	R115TNK-005	voc	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5113 _.	OP-UA3	R115TNK-006	Voc	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5117	OP-UA3	R115TNK-007	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5205	OP-UA3	R115TNK-008	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5210	OP-UA3	R115TNK-009	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5308	OP-UA3	R115TNK-010	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	T-5311	OP-UA3	R115TNK-011	Voc	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5313	OP-UA3	R115TNK-012	Voc	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1Т-5321	OP-UA3	R115TNK-013	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	1T-5200	OP-UA3	R115TNK-014	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)

Date: 5/7/2012 Regulated Entity No.: RN100218841				Permit No.: O3528		
Company Name: Kaneka North America LLC				Area Name: Ka	aneka Nutrients Divi	ision
Unit/Group/Process		SOP/GOP		A	pplicable Regulatory Requirement	
Revision No.	ID No.	Applicable Form	Index No.	Pollutant	Name	Standard(s)
	1T- 4 211	OP-UA3	R115TNK-015	VOC	Chapter 115	§115.112(d)(1) §115.112(d)(3)
	UNLOAD	OP-UA4		voc	Chapter 115	§115.212(a)(2) §115.212(a)(3) §115.212(a)(3)(A) §115.212(a)(3)(A)(i) §115.212(a)(3)(B) [G]§115.212(a)(3)(C), (a)(3)(D) §115.214(a)(1)(B), (a)(1)(C)
	Y-7215	OP-UA7		voc	60 Subpart A	60.18(c) (1) 60.18(c)(2) 60.18(c)(3)(ii) 60.18(c)(4)(i) 60.18(c)(6) 60.18(e)
	Y-7215	OP-UA7		Opacity	Chapter 111	111.111(a)(4)(A)
	1P-9013	OP-UA2		NOx	Chapter 117	[G]§117.303(a)(11) [G]§117.310(f)
	LABGEN	OP-UA2		NOx	Chapter 117	§117.303(a)(6)(D)
	1P-9013	OP-UA2		HAPs	63 Subpart ZZZZ	§63.6602-Table 2c.1 §63.6595(a)(1) §63.6605(a)-(b) §63.6625(e), (h), (i) §63.6640(b)
	LABGEN	OP-UA2		HAPs	63 Subpart ZZZZ	§63.6602-Table 2c.6 §63.6595(a)(1) §63.6605(a)-(b) §63.6625(e), (h), (j) §63.6640(b)

Date: 5/7/2012		Regulated Ent	ity No.: RN100	218841	Permit No.: O3528	
Company Name: Kaneka North America LLC			LC	Area Name: Kaneka Nutrients Division		
Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	F-1	R111VENT- 001	PM	[G]§111.111(a)(1)(F)	NA	NA
	F-2	R111VENT- 002	PM	[G]§111.111(a)(1)(F)	NA	NA
	F-Q4410	R111VENT- 003	PM	[G]§111.111(a)(1)(F)	NA	NA
	F-Q2228	R111VENT- 004	PM	[G]§111.111(a)(1)(F)	NA	NA
	B-Q3517	R111VENT- 005	PM	[G]§111.111(a)(1)(F)	NA	NA
	B-Q3518	R111VENT- 006	PM	[G]§111.111(a)(1)(F)	NA	NA
	Q3810	R111VENT- 007	РМ	[G]§111.111(a)(1)(F)	NA	NA
	B-Q2406	R111VENT- 008	PM	[G]§111.111(a)(1)(F)	NA	NA
	B-Q2425	R111VENT- 009	PM	[G]§111.111(a)(1)(F)	NA	NA
···-	B-Q3307	R111VENT- 010	PM	[G]§111.111(a)(1)(F)	NA	NA
	B-Q3813	R111VENT- 011	PM	[G]§111.111(a)(1)(F)	NA	NA
	B-Q3814	R111VENT- 012	PM	[G]§111.111(a)(1)(F)	NA	NA
	Q3805	R111VENT- 013	PM	[G]§111.111(a)(1)(F)	NA	NA
	B-Q9300	R111VENT- 014	PM	[G]§111.111(a)(1)(F)	NA	NA
	F-1	R115VENT- 001	VOC	§115.125 §115.126(1), (1)(A) §115.126(1)(A)(i) §115.126(2)	§115.126 §115.126(1), (1)(A) §115.126(1)(A)(i) §115.126(2)	NA
	F-2	R115VENT- 002	VOC	§115.125 §115.126(1), (1)(A) §115.126(1)(A)(i) §115.126(2)	§115.126 §115.126(1), (1)(A) §115.126(1)(A)(i) §115.126(2)	NA

Table 1b: Additions

Date: 5/	7/2012	Regulated Ent	ity No.: RN100	218841		Permit No.: O3528
Company Name: Kaneka N		orth America LLC		Area Name: Kaneka Nutrients Division		
Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B-Q2425	R115VENT- 003	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	в-Q3517	R115VENT- 004	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	В-Q3518	R115VENT- 005	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	Q3810	R115VENT- 006	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	B-Q3813	R115VENT- 007	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	B-Q3814	R115VENT- 008	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	B-Q3805	R115VENT- 009	VOC	[G]§115.125 §115.126(2) §115.126(3)(B)	§115.126 §115.126(2) §115.126(3) §115.126(3)(B)	NA
	1T-4201	60KB-0001	VOC	§60.113b(d) §60.116b(a)-(b) §60.116b(e), (e)(1), [G](e)(3) [G]§60.485(b)	§60.115b §60.115b(d)(2) §60.116b(a)-(b)	§60.115b §60.115b(d)(1), (d)(3)
	1T-4201	R115TNK-001	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA

		Regulated Enti	ity No.: RN100	218841	Permit No.: O3528	
Company Name: Kaneka N		orth America LLC		Area Name: Kaneka Nutrients Division		
Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	1T-4207	R115TNK-002	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5058	R115TNK-003	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA .
	1T-5104	R115TNK-004	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	IT-5110	R115TNK-005	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5113	R115TNK-006	voc	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5117	R115TNK-007	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5205	R115TNK-008	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5210	R115TNK-009	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5308	R115TNK-010	voc	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5311	R115TNK-011	voc	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA .

		Regulated Ent	ity No.: RN100	Permit No.: O3528		
Company Name: Kaneka N		lorth America LLC		Area Name: Kaneka Nutrients Division		
Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	1T-5313	R115TNK-012	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5321	R115TNK-013	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	1T-5200	R115TNK-014	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA .
	1T-4211	R115TNK-015	VOC	[G]§115.115(a) §115.118(a)(4)(F) §115.118(a)(5)	§115.118(a)(7)	NA
	UNLOAD		VOC	\$115.212(a)(3)(B) \$115.214(a)(1)(A) \$115.214(a)(1)(A)(i)-(iii)	§115.216 §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NA
	Y-7215		VOC	\$60.18(d) [T]\$60.18(f)(1), (f)(2) [T]\$60.18(f)(3) [T]\$60.18(f)(4)	NA	NA
	Y-7215		Opacity	[T]\$111.111(a)(4)(A)(i) \$111.111(a)(4)(A)(ii)	§111.111(a)(4)(A)(ii)	NA
	1P-9013		NOx	NA	§117.340(j) [G]§117.345(f)(6) [G]§117.345(10)	NA
	LABGEN		NOx	NA	§117.340(j) [G]§117.345(f)(6)	NA
	1P-9013			§63.6625(f) §63.6625(i) §63.6640(a) §63.6640(a)-Table 6.9.a.i-ii §63.6640(b)	§63.6625(i) §63.6655(a), (a)(1)-(2), (a)(4)-(5) §63.6655(d)-(f) §63.6660(a)-(c)	§63.6640(b) §63.6650(f)

Date: 5/7	7/2012	Regulated Ent	ity No.: RN100	218841	Permit No.: O3528	
Company	y Name: Kaneka N	orth America I	TC	Area Name: Kaneka Nutrients Division		
Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	LABGEN			§63.6625(f) §63.6625(j) §63.6640(a) §63.6640(a)-Table 6.9.a.i-ii §63.6640(b)	§63.6625(j) §63.6655(a), (a)(1)-(2), (a)(4)-(5) §63.6655(d)-(f) §63.6660(a)-(c)	§63.6640(b) §63.6650(f)

Attachment No. 7
OP-SUM - Individual Unit Summary